

WHAT IS CLAIMED IS:

1. A process for manufacturing cellulosic paper product, the process comprising:

forming an aqueous suspension of papermaking fibers;

depositing said aqueous suspension of papermaking fibers onto a sheet-forming fabric to form a wet web;

dewatering said wet web to form a partially dewatered web;

topically applying a glycol compound selected from the group consisting of polyethylene glycol, triethylene glycol, glycerol and mixtures thereof to said partially dewatered web, said partially dewatered web having a fiber consistency of about 80% or less; and

drying said partially dewatered web by passing heated air at a temperature of at least about 175°C through said web.

2. A process as set forth in claim 1 wherein said glycol compound is polyethylene glycol having a molecular weight of from about 400 to about 800.

3. A process as set forth in claim 2 wherein said glycol compound comprises polyethylene glycol having a molecular weight of approximately 600.

4. A process as set forth in claim 3 wherein said glycol compound is topically applied to said partially dewatered web in an add-on amount of about 0.5 to about 20% by weight of said papermaking fibers in said partially dewatered web.

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5. A process as set forth in claim 4 wherein said glycol compound is topically applied to said partially dewatered web in an add-on amount of about 1 to about 2% by weight of said papermaking fibers in said partially dewatered web.

6. A process as set forth in claim 4 wherein the temperature of said heated air is from about 190° to about 210°C.

7. A process as set forth in claim 6 wherein the temperature of said heated air is from about 200° to about 205°C.

8. A process as set forth in claim 3 wherein said glycol compound is topically applied to said partially dewatered web as an aqueous solution comprising from about 1 to about 80% polyethylene glycol.

9. A process as set forth in claim 8 wherein said aqueous solution of said glycol compound comprises from about 40 to about 60% polyethylene glycol.

10. A process as set forth in claim 1 wherein said glycol compound comprises triethylene glycol.

11. A process as set forth in claim 1 wherein said glycol compound comprises glycerol.

12. A process as set forth in claim 1 wherein said glycol compound is topically applied to said partially dewatered web by spraying.

13. A process for manufacturing a cellulosic paper product, the process comprising:

forming an aqueous suspension of papermaking fibers;
depositing said aqueous suspension of papermaking fibers onto a sheet-forming fabric to form a wet web;
dewatering said wet web to produce a partially dewatered web having a fiber consistency of about 80% or less;

topically applying a glycol compound selected from the group consisting of polyethylene glycol, triethylene glycol, glycerol and mixtures thereof to said partially dewatered web in an add-on amount ranging from about 0.5% to about 20% by weight of said papermaking fibers in said web; and
drying said partially dewatered web.

14. A process as set forth in claim 13 wherein said glycol compound is polyethylene glycol having a molecular weight of from about 400 to about 800.

15. A process as set forth in claim 14 wherein said glycol compound comprises polyethylene glycol having a molecular weight of approximately 600.

16. A process as set forth in claim 15 wherein said glycol compound is topically applied to said partially dewatered web in an add-on amount of about 1 to about 2% by

5 weight of said papermaking fibers in said partially
dewatered web.

17. A process as set forth in claim 15 wherein said
partially dewatered web is dried by passing heated air at a
temperature of at least about 190°C through said web.

18. A process as set forth in claim 17 wherein the
temperature of said heated air is from about 190° to about
210°C.

19. A process as set forth in claim 18 wherein the
temperature of said heated air is from about 200° to about
205°C.

20. A process as set forth in claim 15 wherein said
glycol compound is topically applied to said partially
dewatered web as an aqueous solution comprising from about 1
to about 80% polyethylene glycol.

21. A process as set forth in claim 15 wherein said
aqueous solution of said glycol compound comprises from
about 40 to about 60% polyethylene glycol.

22. A process as set forth in claim 13 wherein said
glycol compound comprises triethylene glycol.

23. A process as set forth in claim 13 wherein said
glycol compound comprises glycerol.

24. A process as set forth in claim 13 wherein said glycol compound is topically applied to said partially dewatered web by spraying.

25. A cellulosic paper product characterized as having a reduced malodor upon wetting, the cellulosic paper product being produced by a process comprising:

forming an aqueous suspension of papermaking fibers;
depositing said aqueous suspension of papermaking fibers onto a sheet-forming fabric to form a wet web;
dewatering said wet web to form a partially dewatered web;

topically applying a compound selected from the group consisting of polyethylene glycol, triethylene glycol, glycerol and mixtures thereof to said partially dewatered web, said partially dewatered web having a fiber consistency of about 80% or less; and

drying said partially dewatered web by passing heated air at a temperature of at least about 175°C through said web.

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26. A cellulosic paper product as set forth in claim 25 wherein said product has a finish basis weight of from about 25 to about 45 grams/m².

27. A cellulosic paper product characterized as having a reduced malodor upon wetting, the cellulosic paper product being produced by a process comprising:

forming an aqueous suspension of papermaking fibers;
depositing said aqueous suspension of papermaking fibers onto a sheet-forming fabric to form a wet web;

dewatering said wet web to produce a partially
dewatered web having a fiber consistency of about 80% or
less;

10 topically applying a glycol compound selected from the
group consisting of polyethylene glycol, triethylene glycol,
glycerol and mixtures thereof to said partially dewatered
web in an add-on amount ranging from about 0.5% to about 20%
by weight of said papermaking fibers in said web; and
15 drying said partially dewatered web.

28. A cellulosic paper product as set forth in claim
27 wherein said product has a finish basis weight of from
about 25 to about 45 grams/m².